

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	"6376069".pn. or "6254970".pn. or "5908694".pn. or "6147604".pn.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L2	1	"1225062"	EPO	OR	ON	2010/10/22 15:59
L3	0	L1 and thermochrom64	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L4	0	L1 and (micron or ".mu.m" or micrometer)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L5	2	L1 and (micron or ".mu.m" or micrometer or m1)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L6	1	L1 and rough\$6	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L7	779	((heat or thermal) near3 transfer) and support and ink and ((".mu.m" or micron or micrometer) near5 rough\$6)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L8	278	((heat or thermal) near3 transfer) and support and ink and ((".mu.m" or micron or micrometer) near5 rough\$6) and "428".clas.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L9	2	"11693445"	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L10	1	((heat or thermal) near3 transfer) and support and ink and ((".mu.m" or micron or micrometer) near5 rough\$6) and "428".clas. and (thermochrom6 near3 ink)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L11	1	((heat or thermal) near3 transfer) and support and ink and ((".mu.m" or micron or micrometer) near5 rough\$6) and "428".clas. and (thermochrom6 with ink)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L12	6	((heat or thermal) near3 transfer) and support and ink and ((".mu.m" or micron or micrometer) near5 rough\$6) and "428".clas. and (thermochrom6)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L13	12	((heat or thermal) near3 transfer) and support and ink and ((".mu.m" or micron or micrometer) near5 rough\$6) and (thermochrom6)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L14	11	((heat or thermal) near3 transfer) and (support or substrate) and ink and ((".mu.m" or micron or micrometer) near5 rough\$6) and (thermochrom6) and adhesive	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L15	10	"6423466".pn. or "6383710".pn. or "5813772".pn. or "5411783".pn. or "5411783".pn. or "4786349".pn. or "4256795".pn. or "3992559".pn. or "3959555".pn. or "3920499".pn. or re28542.pn.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59

L16	0	L15 and thermochromic	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L17	0	L15 and thermochrom6	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L18	42	"1799754"   "4064285"   "4224358"   "4284456"   "4351871"   "4715914"   "4773953"   "4966815"   "4980224"   "5032449"   "5098772"   "5139917"   "5236801"   "5242739"   "5271990"   "5407729"   "5419944"   "5424141"   "5501902"   "5620548"   "5798179"   "6087061"   "6096475"). PN OR ("6423466"). URPN	US- PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L19	0	L18 and adhesive and ink and thermochromic	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L20	20	L18 and adhesive and ink	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L21	24	L18 and adhesive and ((ink or dye) same (thermochromic or (thermo near3 chronic) or leuco) or heat or thermal)	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L22	12	L18 and adhesive and ((ink or dye) same (thermochromic or (thermo near3 chronic) or leuco) or heat or thermal) and rough\$6	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L23	288	(support or substrate) and transfer and ((ink or dye) with (heat or therm64 or thermochromatic or leuco or (liquid adj crystal))) and ((heat or therm\$5) near3 adhesive) and (adhesive same rough\$6)	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L24	165	(support or substrate) and transfer and ((ink or dye) with (heat or therm64 or thermochromatic or leuco or (liquid adj crystal))) and ((heat or therm\$5) near3 adhesive) and (adhesive same rough\$6) and "428". clas.	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L25	39	(support or substrate) and transfer and ((ink or dye) with (heat or therm64 or thermochromatic or leuco or (liquid adj crystal))) and ((heat or therm\$5) near3 adhesive) and (adhesive same rough\$6 same (*.mu.m or micron or micrometer or mil)) and "428". clas.	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L26	39	(support or substrate) and transfer and ((ink or dye) with (heat or therm64 or thermochrom64 or leuco or (liquid adj crystal))) and ((heat or therm\$5) near3 adhesive) and (adhesive same rough\$6 same (*.mu.m or micron or micrometer or mil)) and "428". clas.	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L27	4	(support or substrate) and transfer and ((ink or dye) with (thermochrom64 or leuco or (liquid adj crystal))) and ((heat or therm\$5) near3 adhesive) and (adhesive same rough\$6 same (*.mu.m or micron or micrometer or mil)) and "428".clas.	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59

I28	74	((support or substrate) and transfer and ((ink or dye) with (heat or therm <sup>64</sup> or thermochrom <sup>64</sup> or leuco or (liquid adj crystal))) and ((heat or therm <sup>65</sup> ) near3 adhesive) and (adhesive same rough\$6 same (" . mu. m" or micron or micrometer or ml)))	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
I29	43	US-7151552-S. D.D. OR US-7102657-S. D.D. OR US-6893717-S. D.D. OR US-6797747-S. D.D. OR US-6521327-S. D.D. OR US-6423466-S. D.D. OR US-6395373-S. D.D. OR US-6383710-S. D.D. OR US-6376069-S. D.D. OR US-6309498-S. D.D. OR US-6152621-S. D.D. OR US-6147604-S. D.D. OR US-5908694-S. D.D. OR US-5832827-S. D.D. OR US-5813772-S. D.D. OR US-5800890-S. D.D. OR US-5788796-S. D.D. or "5662758".pn. or US-5658647-S. D.D. OR US-5583489-S. D.D. OR US-5538831-S. D.D. OR US-5456969-S. D.D. OR US-5411783-S. D.D. OR US-5161829-S. D.D. OR US-5074595-S. D.D. OR US-4786349-S. D.D. OR US-4544590-S. D.D. OR US-4256795-S. D.D. OR US-4078113-S. D.D. OR US-3992559-S. D.D. OR US-3959555-S. D.D. OR US-3920499-S. D.D. OR US-3793112-S. D.D. OR US-3660212-S. D.D. OR US-3657832-S. D.D. OR US-3359127-S. D.D. or re28542.pn. or US-20040179083-S. D.D. OR US-20030136503-S. D.D. OR US-20030063139-S. D.D. OR US-20030044595-S. D.D. OR US-20020109636-S. D.D. or "20010005543".pn.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
I30	19	I29 and ("mu. m" or micron or micrometer or ml)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
I31	0	I29 and (adhesive with rough\$6)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
I32	13	I29 and (adhesive with thick\$6)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
I33	8	("4176146"   "4243700"   "4704310").PN. OR ("5456969").URPN	US-PCPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
I34	473	((therml adj transfer) and (barcode or (bar adj code)) and (adhesive same thickness))	US-PCPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
I35	225	((therml adj transfer) and (barcode or (bar adj code)) and (adhesive same thickness) and "428". clas.)	US-PCPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
I36	219	((therml adj transfer) and (barcode or (bar adj code)) and (adhesive same thickness) and "428". clas. and (ink or dye))	US-PCPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
I37	525	((therml adj transfer) and rfid and ink and adhesive	US-PCPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
I38	65	((therml adj transfer) and rfid and ink and adhesive with thick\$6)	US-PCPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
I39	47	((therml adj transfer) and shirt and ink and adhesive with thick\$6)	US-PCPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
I40	274	rfid and print and shirt	US-PCPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59

L41	108	#fid and print and (t adj shirt)	US- PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L42	19	#fid same (t adj shirt)	US- PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L43	1	"5296444" pn	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L44	19	((therml adj transfer) and geon and (pvc same (ink or dye or pigment)))	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L45	10	((non adj wax) same (non adj silicone)) and (thermal adj transfer)	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L46	1252	(wax same silicone) and (therml adj transfer)	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L47	1	"10/537193".app.	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L48	1	"57666397" pn	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L49	15	(therml adj transfer) and (thick\$6 with aesthetic)	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L50	35	(shirt and thermal) and (thick\$6 with aesthetic)	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L51	32	grilltex	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L52	23	grilltex and thick\$6	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L53	1437	((therml adj transfer) and (adhesive near5 thick \$6))	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L54	1155	((therml adj transfer) and (adhesive near3 thick \$6))	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L55	35	((therml adj transfer) and (adhesive with thick\$6 with adjust\$6))	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L56	15	("4021591"   "4399541"   "4803361").PN OR ("5296444"), UPRN	US- PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L57	2	((heat or therml) near3 transfer) and (support or substrate or sheet) and ink and ((".mu.m" or micron or micrometer or (micro adj meter)) near5 rough\$6) and "428".clas. and (thermochrom\$6 near3 ink)	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L58	2	((heat or therml) near3 transfer) and (support or substrate or sheet) and ink and ((".mu.m" or micron or micrometer or (micro adj meter)) near5 rough\$6) and (thermochrom\$6 near3 ink)	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L59	1129	((heat or therml) near3 transfer) and (support or substrate or sheet) and ink and ((".mu.m" or micron or micrometer or (micro adj meter)) near5 rough\$6) and (ink or pigment)	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L60	432	((heat or therml) near3 transfer) and (support or substrate or sheet) and ink and ((".mu.m" or micron or micrometer or (micro adj meter)) near5 rough\$6) and (ink or pigment) and "428".clas.	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59

L61	2	"6114021".pn. or "20030203193".pn.	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L62	5	"6250316".pn. or "5935694".pn. or "5073452".pn. or "4880686".pn. or "4875961".pn.	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L63	60	heat same transfer same label same cloth\$5	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L64	267	bilodeau.in.	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L65	117	bilodeau.in. and transfer	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L66	21	bilodeau.in. and transfer and label	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L67	11	("3922435"   "4319974"   "4426422"   "4548857"   "4927709"   "4935300"   "5314929"   "5350612"   "5800656"   "6042676").PN OR ("6376069").URPN	US- PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L68	1550	kriegsmann	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L69	77	kriegsmann and transfer and adhesive	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L70	24	("3922435"   "4275104"   "4426422"   "4548857"   "4610744"   "4927709"   "4935300"   "5143976").PN OR ("5766731").URPN	US- PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L71	1	"5296444".pn.	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L72	15	("4021591"   "4399541"   "4803361").PN OR ("5296444").URPN	US- PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L73	54	kriegsmann and transfer and adhesive and (thick\$6 or micron or micrometer or (micro adj meter) or ".mm" or "mm" or "ml")	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L74	220	(428/32.6.ccls. or 428/32.6) and (thick\$6 or micron or micrometer or (micro adj meter) or ".mm" or "mm" or "ml")	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L75	220	(428/32.6.ccls. or 428/32.6) and (thick\$6 or micron or micrometer or (micro adj meter) or ".mm" or "mm" or "ml")	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L76	219	(428/32.6.ccls. or 428/32.6) and (thick or thickness or thicknesses or micron or micrometer or (micro adj meter) or ("mm" or "mm") or ("ml" or "mls"))	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L77	23137	(therml near transfer) and (thick or thickness or thicknesses or micron or micrometer or (micro adj meter) or ("mm" or "mm") or ("ml" or "mls"))	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L78	9758	(therml near transfer) and adhesive and (thick or thickness or thicknesses or micron or micrometer or (micro adj meter) or ("mm" or "mm") or ("ml" or "mls"))	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L79	7	"4880686".pn. or "5254302".pn. or "4875961".pn. or "6250316".pn. or "6376069".pn. or "20030203193".pn. or "5935694".pn.	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59

L82	85	((rough or roughness\$3 or abras\$5 or grit) and (428/32.6.ccls. or 428/32.6))	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L83	274	(428/32.77-32.79.ccls. or 428/32.77 or 428/32.78 or 428/32.79)	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L84	196	(428/32.77-32.78.ccls. or 428/32.77 or 428/32.78)	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L85	177	((428/32.77-32.78.ccls. or 428/32.77 or 428/32.78) and thick\$6)	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L86	13	("20030097949"   "4024287"   "4578273"   "4610904"   "4786349"   "5017394"   "5834047"   "6058843"   "6267997"   "6319530"   "6582742"   "6623553"   "7166153").PN	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L87	241	((428/32.8-32.81.ccls. or 428/32.8 or 428/32.81) and thick\$6)	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L91	210	((428/32.82-32.84.ccls. or 428/32.82 or 428/32.83 or 428/32.84))	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L95	1	"5254302".pn.	US- PGPUB; USPAT	OR	ON	2010/10/22 15:59
L96	1623	((428/913.ccls. or 428/914.ccls. or 428/913 or 428/914) and (therml adj (transfer or heat)))	US- PGPUB; USPAT	OR	ON	2010/10/22 16:08
L97	1598	((428/913.ccls. or 428/914.ccls. or 428/913 or 428/914) and (therml adj transfer))	US- PGPUB; USPAT	OR	ON	2010/10/22 16:08
L98	9805	((428/913.ccls. or 428/914.ccls. or 428/913 or 428/914))	US- PGPUB; USPAT	OR	ON	2010/10/22 16:12
L99	243	((428/32.6.ccls. or 428/32.6) and (thick\$6 or micron or micrometer or (micro adj meter) or \$2("mu.m") or mil))	US- PGPUB; USPAT	OR	ON	2010/10/22 16:13

## EAST Search History (Interference)

Ref #	His	Search Query	DBs	Default Operator	Plurals	Time Stamp
L80	29	((rough or roughness\$3 or abras\$5 or grit) and (thermochrom\$3 or (thermo adj chrom\$3))).clm	US- PGPUB; USPAT; UPAD	OR	ON	2010/10/22 15:59
L81	60	((rough or roughness\$3 or abras\$5 or grit or textur\$5 or grain\$5) and (thermochrom\$3 or (thermo adj chrom\$3))).clm	US- PGPUB; USPAT; UPAD	OR	ON	2010/10/22 15:59
L92	3	((rough or roughness\$3 or abras\$5 or grit or textur\$5 or grain\$5) and (thermochrom\$3 or (thermo adj chrom\$3))).clm and 428/32.77,32.78,32.78,32.8,32.81,32.83,913,914.ccls.	US- PGPUB; USPAT; UPAD	OR	ON	2010/10/22 15:59

193	3	((rough or roughness\$3 or abras\$5 or grit or textur\$5 or grain\$5) and (thermchrom\$3 or (thermo adj chrom\$3))).clm and 428/32.6,32.77,32.78,32.8,32.81,32.83,913,914.ccls.	US- PGPUB; USPAT; UPAD	OR	ON	2010/10/22 15:59
194	4	((rough or roughness\$3 or abras\$5 or grit or textur\$5 or grain\$5) and (thermchrom\$3 or (thermo adj chrom\$3))).clm and 428/32.6,32.77-32.83,913,914.ccls.	US- PGPUB; USPAT; UPAD	OR	ON	2010/10/22 15:59

10/22/2010 4:43:53 PM

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